

NSLS OHSAS Job Risk Assessment

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Name(s) of Risk Team Members: J. Aloï, D. Carlson, S. Cheung, B. Chmiel, B. Kiss	Point Value → Parameter ↓	1	2	3	4	5
Job Title: Manual Material Handling Job Number or Job Identifier: LS-JRA-0018	Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Job Description: The manual lifting involved in moving, positioning, installing and removing equipment and components without the aid of mechanical lifting devices.	Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
Training and Procedure List (Optional):	Likelihood (D)	Extremely Unlikely <<1x/20yrs	Unlikely 1x/10-20yrs	Possible >1x/10-20yrs	Probable 1x/yr	Multiple >1x/yr
Approved by: W.R. Casey Date: 8/19/05 Rev. # 1 Revision Log						
Stressors (if applicable, please list all):		Reason for Revision (if applicable):			Comments:	

		Before Controls							After Initial Controls						After Additional Controls					
Job Step / Task	Hazard	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Initial Controls	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Light manual lifting	Overexertion injuries – excessive lifting, pushing, pulling, holding or carrying.	N	1	3	3	3	27	Proper lifting techniques, Back safety training	1	3	3	2	18							
	Falls to same level, tripping while carrying items	N	1	3	3	3	27	Housekeeping, Tier I	1	3	3	2	18							

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	Cuts and abrasions	N	1	3	2	3	18	Use of gloves	1	3	2	2	12							
Light manual lifting	Being struck by dropped object	N	1	3	3	3	27	Safety shoes	1	3	2	3	18							
	Bodily reaction injuries resulting from slipping, loss of balance	N	1	3	2	3	18	Proper lifting techniques	1	3	2	2	12							
Handling objects using step stools	Falls to lower level	N	1	3	3	3	27	Follow manufacturers instructions	1	3	3	3	27							
	Being struck by dropped object	N	1	3	3	3	27	Safety shoes	1	3	2	3	18							
Carrying objects up and down stairway	Falls to lower level	N	1	2	4	3	24	Use of handrails, proper lighting, use of elevators	1	2	4	2	16							
	Being struck by dropped object	N	1	2	3	3	18	Safety shoes, use of elevators	1	2	2	3	12							
Placing and removing items from shelves	Being struck by dropped object	N	1	3	3	3	27	Obtain assistance, use of mechanical aids, minimize storage of heavy objects up high	1	3	3	2	18							
Further Description of Controls Added to Reduce Risk:																				
*Risk:		0 to 20 Negligible		21 to 40 Acceptable				41 to 60 Moderate				61 to 80 Substantial				81 or greater Intolerable				